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Device for Collimating a High-Brightness Laser Diode Array

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ABSTRACT

The present invention relates in particular to the field of devices using stimulated emission, specifically to a device for collimating high-brightness laser diode array (1) characterized in that by comprising at least one optical fiber (2) whose first end (7) is thermoformed and is located in the vicinity of an opposite the high-brightness array (1), the numerical aperture of said optical fiber end being greater than the numerical aperture of the source.